

CHATHAM
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

| | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> | | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |
|--|------------|------------|------------|---------------------------------------|------------|------------|------------|
| <u>Bladder, Urinary</u> | | | | <u>Melanoma of Skin</u> | | | |
| Male | 10.52 | 10 | 95 | Male | 4.68 | 7 | 150 |
| Female | 3.94 | 4 | NC* | Female | 3.32 | 6 | 181 |
| Total | 14.46 | 14 | 97 | Total | 8.00 | 13 | 163 |
| <u>Brain and Other Central Nervous System</u> | | | | <u>Multiple Myeloma</u> | | | |
| Male | 2.18 | 4 | NC* | Male | 1.81 | 1 | NC* |
| Female | 1.99 | 1 | NC* | Female | 1.65 | 1 | NC* |
| Total | 4.17 | 5 | 120 | Total | 3.46 | 2 | NC* |
| <u>Breast</u> | | | | <u>Non-Hodgkin's Lymphoma</u> | | | |
| Male | 0.62 | 1 | NC* | Male | 6.33 | 6 | 95 |
| Female | 46.90 | 65 | 139 #+ | Female | 6.34 | 9 | 142 |
| Total | 47.53 | 66 | 139 #+ | Total | 12.67 | 15 | 118 |
| <u>Cervix Uteri</u> | | | | <u>Oral Cavity and Pharynx</u> | | | |
| Female | 2.16 | 0 | NC* | Male | 4.96 | 4 | NC* |
| | | | | Female | 2.70 | 3 | NC* |
| | | | | Total | 7.66 | 7 | 91 |
| <u>Colon / Rectum</u> | | | | <u>Ovary</u> | | | |
| Male | 25.82 | 14 | 54 #- | Female | 5.32 | 3 | NC* |
| Female | 25.79 | 12 | 47 ~- | | | | |
| Total | 51.60 | 26 | 50 ^- | | | | |
| <u>Esophagus</u> | | | | <u>Pancreas</u> | | | |
| Male | 3.19 | 2 | NC* | Male | 3.55 | 2 | NC* |
| Female | 1.33 | 1 | NC* | Female | 4.10 | 1 | NC* |
| Total | 4.53 | 3 | NC* | Total | 7.65 | 3 | NC* |
| <u>Hodgkin's Disease</u> | | | | <u>Prostate</u> | | | |
| Male | 0.71 | 0 | NC* | Male | 57.52 | 90 | 156 ^+ |
| Female | 0.58 | 1 | NC* | | | | |
| Total | 1.29 | 1 | NC* | | | | |
| <u>Kidney and Renal Pelvis</u> | | | | <u>Stomach</u> | | | |
| Male | 4.74 | 7 | 148 | Male | 4.33 | 0 | NC* |
| Female | 2.98 | 0 | NC* | Female | 2.78 | 1 | NC* |
| Total | 7.72 | 7 | 91 | Total | 7.11 | 1 | NC* |
| <u>Larynx</u> | | | | <u>Testis</u> | | | |
| Male | 2.78 | 3 | NC* | Male | 0.74 | 0 | NC* |

| | | | | | | | |
|---|-------|----|-----|---|--------|-----|-----|
| Female | 0.76 | 0 | NC* | | | | |
| Total | 3.54 | 3 | NC* | | | | |
| <u>Leukemia</u> | | | | <u>Thyroid</u> | | | |
| Male | 3.54 | 7 | 197 | Male | 0.63 | 0 | NC* |
| Female | 2.68 | 2 | NC* | Female | 1.55 | 1 | NC* |
| Total | 6.22 | 9 | 145 | Total | 2.18 | 1 | NC* |
| <u>Liver and Intrahepatic Bile Ducts</u> | | | | <u>Uteri, Corpus and Uterus, NOS</u> | | | |
| Male | 1.69 | 2 | NC* | | | | |
| Female | 0.82 | 1 | NC* | Female | 9.27 | 10 | 108 |
| Total | 2.50 | 3 | NC* | | | | |
| <u>Lung and Bronchus</u> | | | | <u>All Sites / Types</u> | | | |
| Male | 29.50 | 22 | 75 | Male | 182.05 | 194 | 107 |
| Female | 21.72 | 16 | 74 | Female | 161.77 | 152 | 94 |
| Total | 51.23 | 38 | 74 | Total | 343.82 | 346 | 101 |

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels